

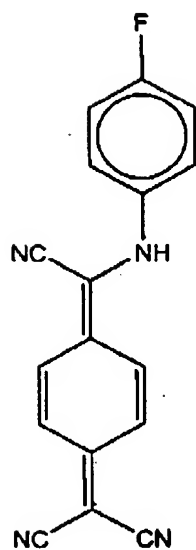
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AMENDMENTS TO THE CLAIMS

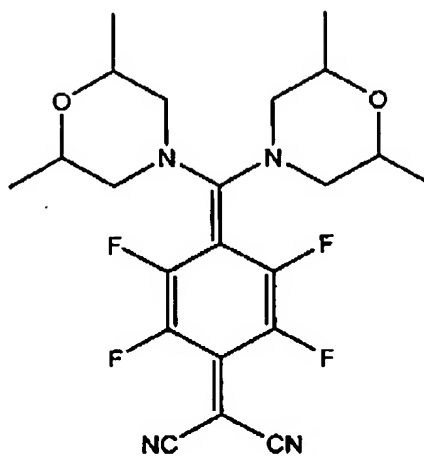
Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

In the Claims:

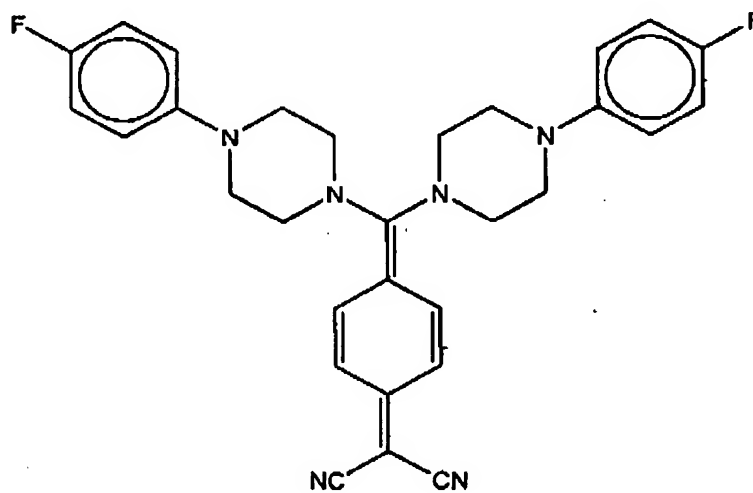
1. (Previously presented) A liquid crystal material, comprising at least one negative-type mesogen comprising at least one soluble, dipolar dopant.
2. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
3. (Cancelled)
4. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of between about 0.01 to about 10wt% of the mixture.
5. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of between about 0.05 to about 5wt% of the mixture.
6. (Previously presented) A liquid crystal material according to claim 1, wherein the dopant is present in an amount of about 0.1 to about 1.5wt% of the mixture.
7. (Currently amended) A liquid crystal material according to claim 1, wherein the dopant is selected from the group consisting of FMer2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPPHP

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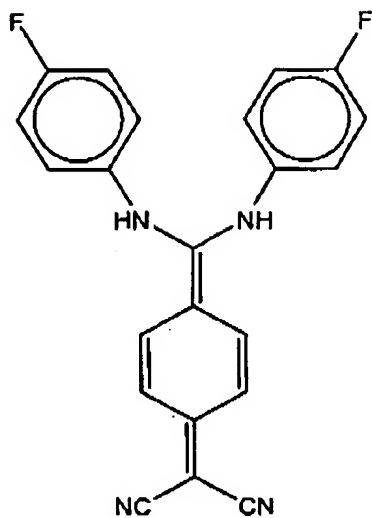
J6



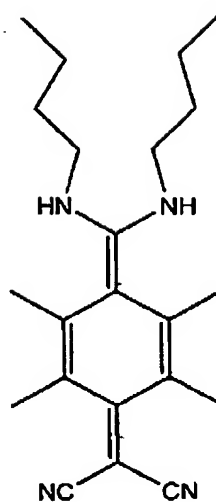
PMor2



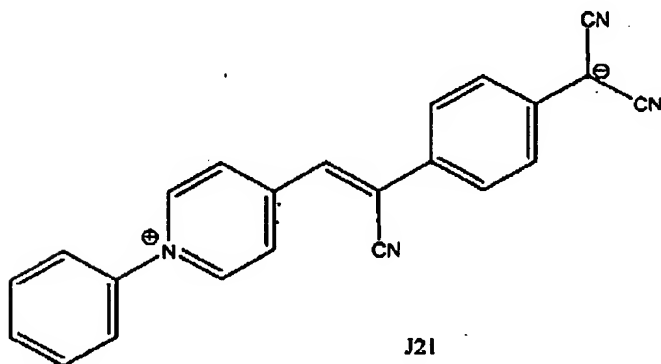
13FPHPIP

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J6A

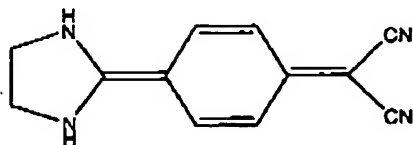


J10B



J21

and

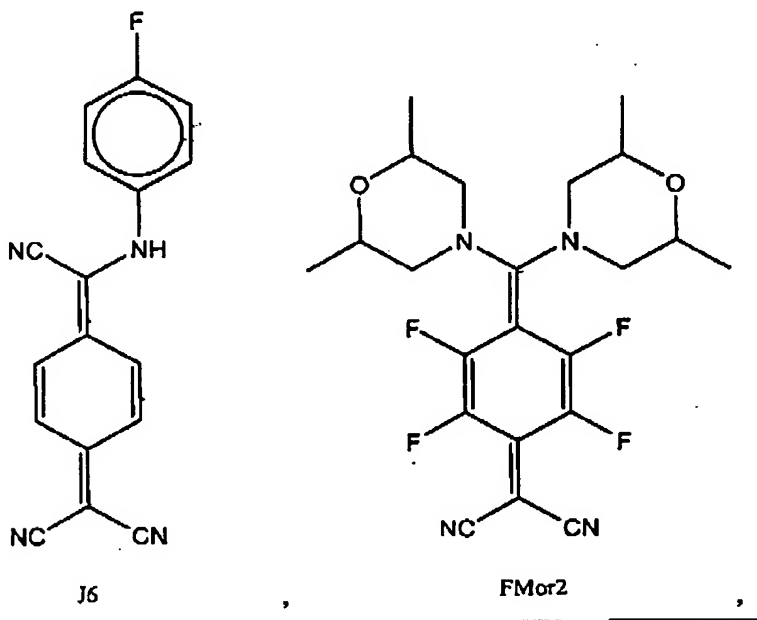


5DCNQ1

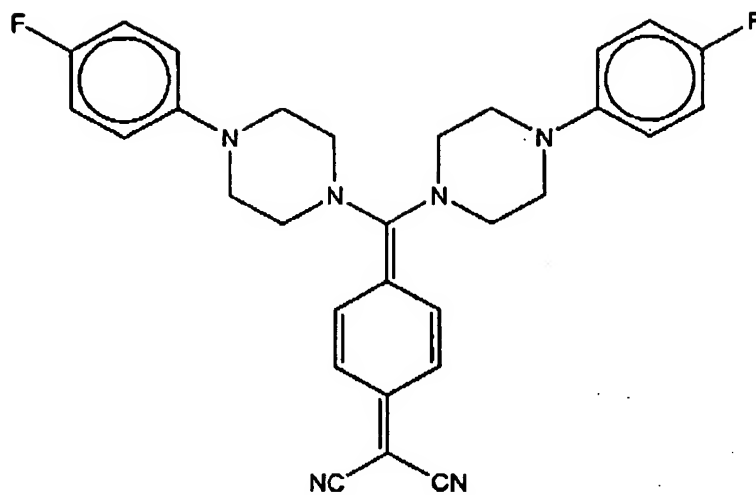
8. (Previously presented) A liquid crystal cell or a negative-type liquid crystal display, comprising a liquid crystal material according to claim 1.

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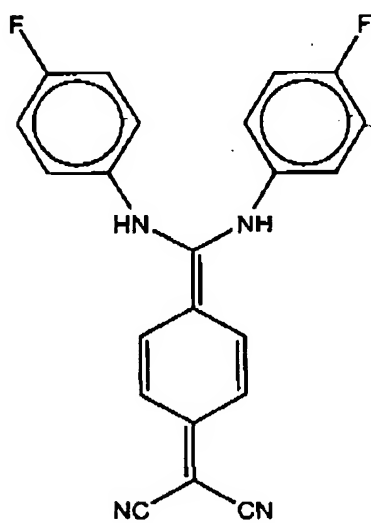
9. (Previously presented) A method of producing a liquid crystal material, comprising mixing at least one negative-type mesogen with a soluble, dipolar dopant.
10. (Previously presented) A method according to claim 9, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
11. (Cancelled)
12. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of between about 0.01 to about 10wt% of the final mixture.
13. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the final mixture.
14. (Previously presented) A method according to claim 9, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the final mixture.
15. (Currently amended) A method according to claim 9, wherein the dopant is selected from the group consisting of ~~FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPIP~~



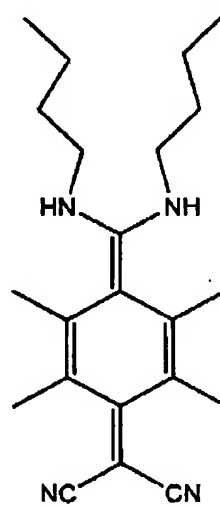
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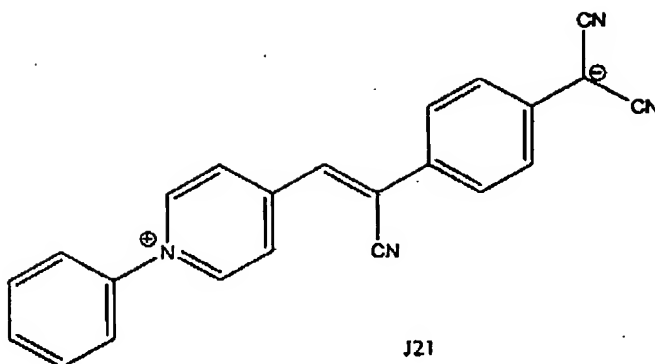


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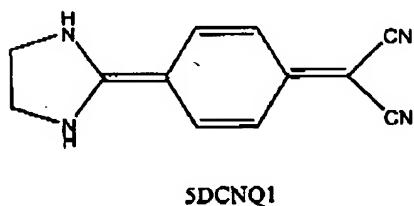


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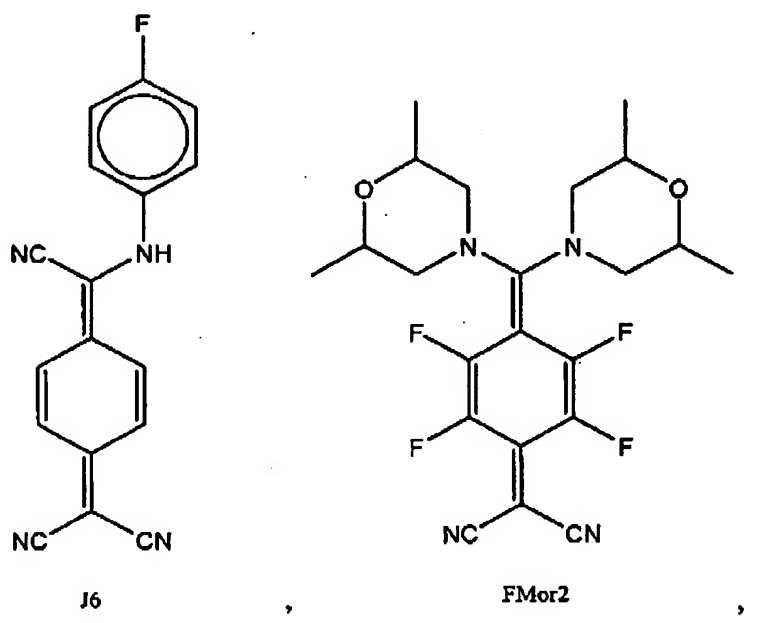
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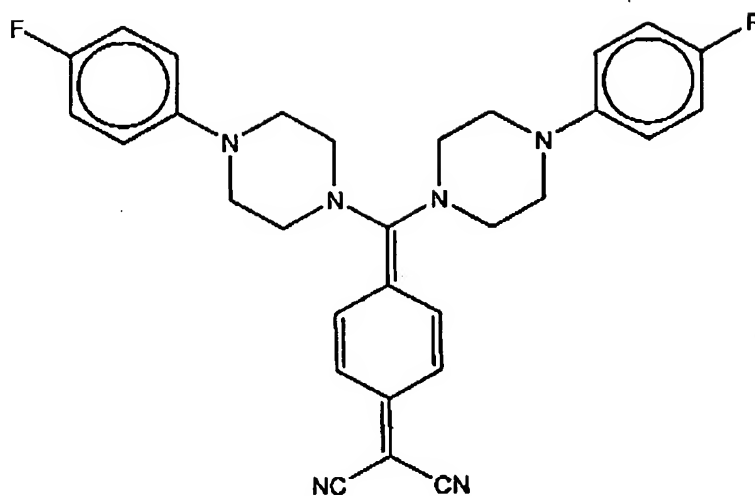
16. (Previously presented) A method of producing liquid crystal cells or negative-type crystal displays according to claim 8 comprising the steps of a) mixing at least one negative-type mesogen and about 0.01 to about 10 wt% of at least one soluble, dipolar dopant, b) centrifuging the mixture, c) filling cells with the mixture and, d) annealing the filled cells.
17. (Previously presented) A method of improving the response times, homogenous on-state alignments and contrast of a negative-type liquid crystal material without degrading the off-state, comprising adding at least one soluble, dipolar dopant to said liquid crystal material.
18. (Previously presented) A method according to claim 17, wherein the dopant is organic and comprises at least one fluorinated group and/or at least one cyano end group.
19. (Previously presented) A method according to claim 17, wherein the dopant is added in an amount of between about 0.01 to about 10wt% of the negative-type liquid crystal material.

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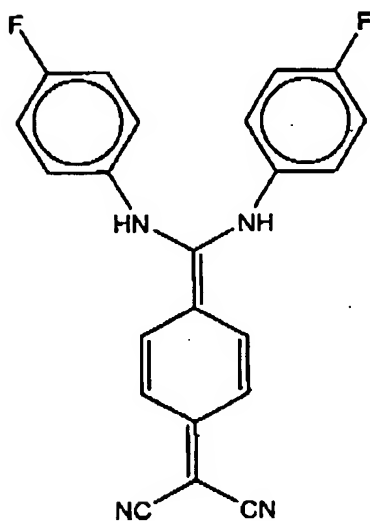
20. (Previously presented) A method according to claim 17, wherein the dopant is admixed in an amount of between about 0.05 to about 5wt% of the negative-type liquid crystal material.
21. (Previously presented) A method according to claim 17, wherein the dopant is admixed in an amount of about 0.1 to about 1.5wt% of the negative-type liquid crystal material.
22. (Currently amended) A method according to claim 17, wherein the dopant is selected from the group consisting of FMor2, J6, J6a, J10B, J21, 5DCNQ1 and 13FPHPP



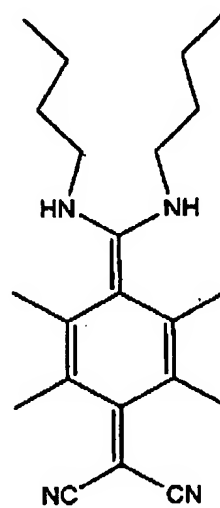
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13FPHPIP

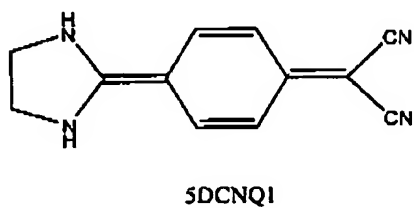
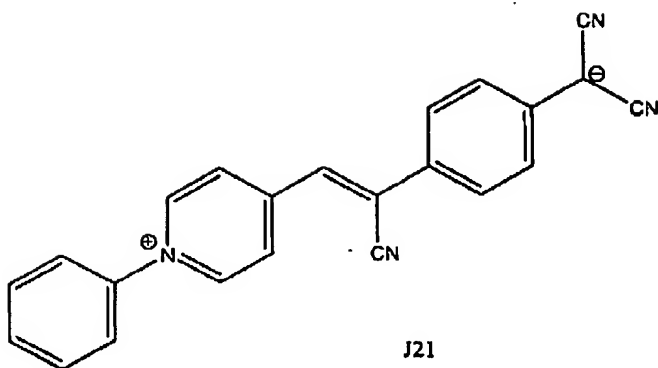


J6A



J10B

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23. (Cancelled)